

2877

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Applicant(s): **James M. Zavislan**

Docket No.

ML-0459C

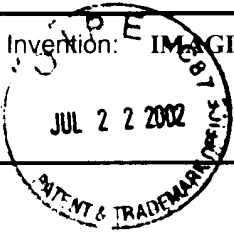
Serial No.
09/641,795

Filing Date
08/18/2000

Examiner
H. Pham

Group Art Unit
2877

Invention: **IMAGING SYSTEM USING POLARIZATION EFFECTS TO ENHANCE IMAGE QUALITY**



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PATENT EXAMINING OPERATION

Applicant: James M. Zavislan

Serial No.: 09/641,795

Filed: August 18, 2000

For: IMAGING SYSTEM USING POLARIZATION EFFECTS TO
ENHANCE IMAGE QUALITY

Examiner: Pham, H.

Art Unit: 2877

Atty Docket: ML-0459C

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AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Responsive to the Official Action of March 28, 2002, please amend the above-identified application as follows:

In the Claims

Cancel Claim 29 and amend Claim 30 by combining Claim 30 and Claim 29. The amended Claim 30 appears below and the amendments are indicated on the appendix attached hereto.

30. (Amended) A system for imaging a section of a medium which receives and returns light from the section and from sites adjacent to the section, said system comprising:

optics for directing light in beams of different polarization in said medium along an imaging plane inside the medium and collecting returned light from the medium;

means for generating an image of the section from said returned light in response to a polarization parameter of said returned light; and

wherein said beams are overlapping in said medium outside the imaged section to reduce the part of said returned light from the sites adjacent said section on opposite sides of said section in the direction of propagation of the beams.